

Abstract of the Disclosure

Disclosed herein is a relay having a first circuit, a second circuit, a ground, an electro-magnetic actuator assembly, and an armature assembly. The armature assembly is movable between first and second positions with respect to the first and second circuits, and is controlled by the electro-magnetic actuator assembly. Movement of the armature assembly to its first position allows current to flow through the first circuit. Movement of the armature assembly to its second position couples the first circuit to the ground and allows current to flow through the second circuit. The ground may be embodied in an extension of the armature assembly that contacts the first circuit when the armature assembly moves to its second position, or the ground may be embodied in a biased conductor that is moved into contact with the first circuit when the armature assembly moves to its second position.